Index of Claims

| Applic | ation/Co | ntrol | No. |
|--------|----------|-------|-----|
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Applicant(s)/Patent under Reexamination

10/531,142 Examiner

ZSCHINTZSCH ET AL. Art Unit

Edna Wong

Date

1753

Rejected **Allowed** 

| - | (Through numeral)<br>Cancelled |
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Claim

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| Final    | Original  | 12/7/06                               |            |              |              |              |  |                |              |              |   |
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|          | 6<br>7<br>8   |                                       |            |              |              |              |  |                |              |              | ] |
|          | 8   | _                                     | <u> </u>   | _            |              |              | L  |                |              |              | 1 |
|          | 9   | <u> </u>                              | <u> </u>   | L            | L            | <u> </u>     | <u> </u>   | _              | _            | _            | 1 |
| ļ        | 10  | <u> </u>                              | <u> </u>   | <u> </u>     | <b>!</b> _   | L            | _  | _              | _            |              | l |
|          | 11  | _                                     | _          | L            | _            | <u> </u>     | _  | <u> </u>       | ┡            | L.           | 1 |
| <u> </u> | 12  | ├                                     | <u> </u>   | <u> </u>     | <u> </u>     | $\vdash$     | _  | <u> </u>       | <del> </del> | <u> </u>     | ļ |
| <u> </u> | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | <u> </u>                              | -          | <u> </u>     | <u> </u> -   | <u> </u>     | <u> </u>   | 1              | -            | <u> </u>     | 1 |
|          | 14  | <u> </u>                              | <u> </u>   | _            | ┡            |              |  | <del> </del> _ | <u> </u>     | ⊢            |   |
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|          | 24  |                                       |            |              |              |              | ╁  | _              | $\vdash$     | Н            | 1 |
|          | 25<br>26<br>27  | T                                     |            |              | 1            |              | $\vdash$   |                | $\vdash$     | Г            | 1 |
|          | 26  |                                       |            |              |              |              |  |                | Г            |              | 1 |
|          | 27  |                                       | Г          |              | _            |              |  |                | П            |              | 1 |
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|          | 34<br>35<br>36  | 777777                                |            | _            | <u> </u>     | _            |  | <u> </u>       | <u> </u>     |              | l |
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| <b></b>  | 36  | 1                                     | <b> </b> - | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>       | _            | <u> </u>     | 1 |
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|          | 47  | 1                                     | -          |              | -            |              | ┝  | <u> </u>       | $\vdash$     |              |   |
|          | 48  | 1                                     |            |              | -            | _            | Н  |                | $\vdash$     | _            | 1 |
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|          |                | ├         |        |              | <del>,</del>   | 7        | <del>~</del> |          |              |              | 4  |          | 41111    | <u> </u> | _      |   |   | 7011 | <u> </u>     |   |          |              | 1  |
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|          | 1              | -         | _      |              | $\vdash$       | -        | -            | _        | -            | $\vdash$     | 1  |          | 51       | 7        | -      |   |   | _    |              | _ |          | H            | ł  |
| $\dashv$ | 2              | -         | _      | -            | ┢              | ┢        | -            |          | ┝            | ├            | 1  | -        | 51<br>52 | 1        | -      | _ |   |      | ┢            |   | _        | -            | ł  |
|          | 3              |           | -      | <del> </del> | -              | -        |              | -        | -            | $\vdash$     | 1  | ├──      | 53       | 1        |        | _ |   | _    | _            | _ |          | <u> </u>     | ł  |
|          | 4              | H         | -      | ┝            | <del> </del> — | ⊢        | -            | ⊢        |              | -            | 1  |          | 54       | 1        |        | _ |   |      | $\vdash$     | - |          | <del> </del> | ł  |
| $\dashv$ | 5              | $\vdash$  |        |              | -              | $\vdash$ |              | $\vdash$ | ├            | ├            |    |          | 55       | 1        |        |   | _ |      | -            |   |          | -            | ł  |
| $\dashv$ | -6             | -         |        |              | ⊢              | ⊢        |              | -        | -            | ├            | ١. | <u> </u> | 56       | -        | _      |   | - |      | _            |   |          | <del> </del> | ł  |
|          | 6<br>7         |           |        | _            | ┝              |          | -            | ┝        | ┢            | ⊢            | ł  |          | 57       |          |        |   |   | -    | <del> </del> | _ |          | -            | ł  |
| $\dashv$ | 8              | -         | _      | -            | <del> </del>   | ├        | -            | -        | -            | ┝            | 1  |          | 58       | $\vdash$ |        |   |   |      | -            |   |          | ├-           | ł  |
| $\dashv$ | 0              | -         | —      | -            | $\vdash$       | ⊢        | -            |          | ┝            |              | ┨. | -        | 50       |          | -      |   | _ | _    | $\vdash$     | - | _        | <u> </u>     | ł  |
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| -        | 14             | H         |        | $\vdash$     | -              | ┝        | ┝            | _        | -            | ┝            | 1  |          | 64       | $\vdash$ |        |   |   |      | _            | _ | _        | -            | ł  |
|          | 15             | -         | _      | <u> </u>     | ┝              | ├        | -            |          | _            | ⊢            |    |          | 64       |          |        |   |   | _    | -            |   |          | <u> </u>     | ł  |
|          | 15             |           | _      | -            | ├—             | -        |              |          | _            | <u> </u>     |    |          | 65       |          |        |   |   | _    | <u> </u>     |   |          | <u> </u>     | ١. |
| $\dashv$ | 16             | _         |        | <u> </u>     | ⊢              | H        | -            | -        | -            | ⊢            | 1  | -        | 66       |          |        |   |   |      | _            | _ |          | <u> </u>     | ŀ  |
|          | 17             |           |        | _            | <u> </u>       | ├        | ⊢            | <u> </u> | -            | <del> </del> |    |          | 67       |          |        |   |   | _    | _            | _ |          |              | ł  |
| $\dashv$ | 17<br>18<br>19 | _         | -      | <u> </u>     | ├              | ├—       | <u> </u>     | <u> </u> |              | L            |    |          | 68       |          | _      |   |   |      |              |   |          |              | ŀ  |
| -        | 19             |           |        | _            | <u> </u>       | <u> </u> | <u> </u>     |          |              | ┡            |    |          | 69       |          |        |   |   |      |              | _ |          | <u> </u>     | ł  |
|          | 20<br>21       | -         |        | <u> </u>     | _              | _        | <u> </u>     | _        | _            | <u> </u>     | 1  |          | 70       |          |        |   |   |      | _            |   | _        | <u> </u>     | l  |
|          | 21             | L         | _      | -            |                | <u> </u> | <u> </u>     | _        |              | <u> </u>     |    |          | 71       |          |        |   |   | _    | _            |   |          | <u> </u>     | l  |
|          | 22             | _         |        | <u> </u>     | _              | <u> </u> | <u> </u>     | _        | <u> </u>     | <u> </u>     |    |          | 72       |          |        |   |   |      | _            | _ |          | <u> </u>     | l  |
|          | 22<br>23<br>24 |           |        |              | <u> </u>       | _        | <u> </u>     | _        | <u> </u>     | <u> </u>     |    |          | 73       |          |        |   |   |      |              |   | Ш        | $\vdash$     | l  |
| _        | 24             |           |        | _            | -              |          | <u> </u>     |          | L            | <u> </u>     | ١. |          | 74       |          |        |   |   |      | _            |   | Щ        | <u> </u>     | ı  |
|          | 25             | _         |        |              | _              | _        | _            |          | _            | L            |    |          | 75       |          |        | _ |   |      |              |   |          | <u>_</u>     | l  |
|          | 26<br>27       |           |        |              |                | _        | Щ            | Ш        | <u> </u>     | _            |    | _        | 76       |          |        |   |   |      |              |   |          | _            | ١  |
| _        | 27             |           |        |              |                |          |              |          | <u> </u>     |              |    |          | 77       |          |        |   |   |      | _            |   |          | <u>_</u>     | ŀ  |
| _        | 28             |           |        |              |                |          |              |          | L.           |              | Į  |          | 78       |          |        |   |   |      |              |   |          | <u> </u>     | l  |
| _        | 29<br>30       | ,         |        |              |                |          |              |          | <u> </u>     | L            |    |          | 79       |          |        |   |   |      |              |   |          | <u> </u>     | ŀ  |
| _        | 30             | 1         |        |              |                |          |              |          |              |              |    |          | 80       |          | _      |   |   |      |              |   | Ш        |              | l  |
| _        | 31             | 1         |        |              |                |          |              |          |              |              |    |          | 81       |          |        |   |   |      |              |   |          |              | l  |
| _        | 32             | 1         |        |              |                |          |              |          |              |              |    |          | 82       |          |        |   |   |      |              |   |          |              | J  |
| _        | 33             | 1         |        |              |                |          |              |          |              |              |    |          | 83       |          |        |   |   |      |              |   |          |              | 1  |
| _        | 34<br>35       | 1         |        |              |                |          |              |          |              |              |    |          | 84       |          |        |   |   |      |              |   |          |              | ļ  |
| _        | 35             | 1         |        |              |                |          |              |          |              |              |    |          | 85       |          |        |   |   |      |              |   |          |              | l. |
| _        | 36             | 1         |        |              |                |          |              |          |              |              |    |          | 86       |          | _      | _ |   |      |              |   |          |              | ľ  |
| _        | 37             | 1         |        |              |                |          |              |          |              |              |    |          | 87       |          |        |   |   |      |              |   |          |              |    |
| _        | 38             | 1         |        |              |                |          |              |          |              |              |    |          | 88       |          |        | _ |   |      |              |   |          |              | l  |
|          | 39             | 1         |        |              |                |          |              |          |              |              |    |          | 89       |          |        |   |   |      |              |   |          | <u> </u>     |    |
| $\Box$   | 40             | 1         |        |              |                |          |              |          |              |              |    |          | 90       |          |        |   |   |      |              |   |          |              |    |
| $\perp$  | 41             | 1         |        |              |                |          |              |          |              |              |    |          | 91       |          |        |   |   |      |              |   |          |              |    |
| ┙        | 42             | 1         |        |              |                |          |              |          |              |              | -  |          | 92       |          |        |   |   |      |              |   |          |              | l  |
|          | 43             | 1         |        |              |                |          |              |          |              |              |    |          | 93       |          |        |   |   |      |              |   |          |              | ı  |
|          | 44             | 1         |        |              |                |          |              |          |              |              |    |          | 94       |          |        |   |   |      |              |   |          |              |    |
|          | 45             | √         |        |              |                |          |              |          |              |              |    |          | 95       |          |        |   |   |      |              |   |          |              |    |
|          | 46             | V         |        |              |                |          |              |          |              |              |    |          | 96       |          |        |   |   |      |              |   | コ        |              |    |
| J        | 47             | 1         |        |              |                |          |              |          |              |              |    |          | 97       |          |        |   |   |      |              |   | $\neg$   |              |    |
|          | 48             | 1         |        |              |                |          |              |          |              |              |    |          | 98       |          |        |   |   |      |              |   | $\neg$   |              | ľ  |
| ╝        | 49             | $\sqrt{}$ | $\Box$ |              |                |          |              |          |              |              |    |          | 99       |          | $\Box$ | ╗ |   |      |              |   | $\neg$   |              |    |
| $\prod$  | 50             | 1         |        |              |                |          |              |          |              |              |    |          | 100      |          | _7     |   |   |      |              |   | ヿ        |              |    |
|          |                |           |        |              |                |          |              |          |              |              |    |          |          |          |        |   |   |      |              |   |          |              |    |

| CI   | aim               |              |            |  | -        | Date     | e            |                | _  |          |
|--|-------------------|--------------|------------|--|----------|----------|--------------|----------------|--|----------|
|  |                   |              |            |  |          |          |              | Γ              | Γ  |          |
| <u></u>  | Original          |              |            |  |          |          |              | l              |  |          |
| Final  | ιĒ                |              |            |  |          | l        |              |                |  |          |
| _  | O                 |              |            |  |          |          |              |                |  |          |
| <del>                                     </del> | 101               |              | $\vdash$   | ├  | -        | -        | _            | ┢              |  | H        |
| -  | 101<br>102        | -            | ⊢          | ⊢  | -        | ├-       | ├─           | ┝              | ⊢  | $\vdash$ |
| -  | 103               | -            |            | ⊢  | ⊢        |          | ⊢            | ⊢              | -  | $\vdash$ |
| -  | 103               | ├            | -          | ⊢  | ⊢        | $\vdash$ | _            | <del> </del> — | -  | -        |
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|  | 107               | _            | <b> </b> _ | <u> </u>   | _        | <u> </u> | <u> </u>     | L_             | <u> </u>   | _        |
| <u> </u>   | 108               |              |            | ļ  | _        | _        | <u> </u>     | L_             | <u> </u>   |          |
| <u> </u>   | 109               | _            |            | <u> </u>   | <u> </u> | _        | L            | <u> </u>       | _  |          |
|  | 110               | _            | <u> </u>   | <u> </u>   | <u> </u> | _        | L            |                |  | _        |
|  | 111               |              | Ц.         | _  | L        |          |              |                |  |          |
|  | 112<br>113        | <u> </u>     |            |  | <u> </u> | <u> </u> | <u> </u>     |                | _  |          |
|  | 113               |              |            | L  | _        |          | L            | $\Box$         | L  |          |
|  | 114               |              |            | $\Box$   | $\Box$   | L        |              | L              |  |          |
|  | 115               | L            | L          | L  | L        | Ĺ        | L            |                |  |          |
|  | 116               |              |            | L  | $L^{-}$  |          |              |                |  |          |
|  | 117               |              |            |  |          |          |              |                |  |          |
|  | 118               | Π            |            | П  | Г        | Г        |              | Г              |  |          |
|  | 119               | $\vdash$     | T          | Г  |          |          | _            | 一              |  |          |
|  | 120               |              |            | Т  |          |          |              |                |  |          |
|  | 120<br>121<br>122 |              |            | 1  |          | $\vdash$ |              | 1              | -  |          |
|  | 122               | _            | ┪          | <del>                                     </del> | $\vdash$ | $\vdash$ | -            | ┢              | <del>                                     </del> | -        |
|  | 123               |              | $\vdash$   |  | ┢        | _        | <del> </del> | ┢              | ┢  | $\vdash$ |
| <b></b>  | 123<br>124<br>125 | $\vdash$     | H          | ┢┈╴  | H        | _        | _            | -              | $\vdash$   | $\vdash$ |
|  | 125               | -            | -          | ╁╾   | -        | $\vdash$ | -            | $\vdash$       | -  | ┝╌       |
|  | 126               | $\vdash$     | ⊢          | ┢╾   |          | -        | -            | $\vdash$       | <del> </del>                                     |          |
| _  | 126<br>127<br>128 | -            | -          | -  | ┝        | $\vdash$ | _            | H              |  | Н        |
| <u> </u>   | 120               |              | ⊢          | -  | ⊢        |          |              | -              | _  | Н        |
| ├  | 120               | ├-           | ├          | $\vdash$   | -        |          | _            |                | <u> </u>   | Н        |
| <u> </u>   | 129<br>130        | -            | ├-         | -  | -        |          | _            | -              | -  | $\vdash$ |
|  | 130               | <u> </u>     | ├_         | <u> </u>   | _        | <u> </u> |              | _              | $\vdash$   | $\vdash$ |
|  | 131<br>132        |              | ļ          |  |          |          |              |                | ļ.,  |          |
|  | 132               | _            | _          | _  | <u> </u> | $\vdash$ | -            | <u> </u>       | <u> </u>   | Щ        |
| <u> </u>   | 133               | L.           |            | _  |          | $\vdash$ | <u> </u>     |                |  | Ш        |
| L  | 134<br>135        |              |            | $oxed{oxed}$                                     |          | igspace  |              | <u> </u>       | L.   | Ш        |
|  | 135               |              | <u>_</u>   | _  |          | L.       |              | <u> </u>       | <u>_</u>   | Ш        |
|  | 136               | L_           | <u></u>    | _  | <u> </u> | <u> </u> | <u> </u>     | <u> </u>       |  |          |
|  | 137<br>138<br>139 | Ш            | Ľ.         | _  | _        |          |              | <u> </u>       |  | Ш        |
|  | 138               |              |            |  |          |          |              |                | LĴ   |          |
|  | 139               |              |            |  |          |          |              |                |  |          |
|  | 140               |              |            |  |          |          |              | L              |  |          |
|  | 141               |              |            |  |          |          |              |                |  |          |
|  | 142               |              |            |  |          |          |              |                |  | $\neg$   |
|  | 143               |              |            |  |          |          |              |                |  |          |
|  | 144               |              |            |  |          | П        |              | Г              |  | $\Box$   |
| $\vdash$   | 145               |              |            | П  |          | Н        |              | -              |  |          |
| $\vdash$   | 146               | _            | _          | $\vdash$   | _        | $\vdash$ |              | Н              | Н  | $\vdash$ |
| Н  | 147               | $\vdash$     | _          | -  |          | Н        |              | -              | Н  | $\vdash$ |
| Н  | 148               |              | -          | -  | _        | $\vdash$ |              | $\vdash$       | Н  | $\dashv$ |
| $\vdash$   | 149               | _            |            | $\vdash$   |          | $\vdash$ | _            | -              | Н  | $\dashv$ |
| $\vdash$   | 150               |              | $\vdash$   | Н  |          | $\dashv$ | _            | <b>-</b>       | $\vdash$   | $\dashv$ |
| لــــا   | 100               |              |            |  |          |          |              | Ц.             |  | Ш        |